

PRELIMINARY DRAFT - February 20, 1997

**SELECTIVE TERRESTRIAL HERBICIDE
(Non-aerosols)**

Preliminary Draft VOC Limit: 0.01% by weight*

I. Product Definition:

"Selective Terrestrial Herbicide" means any product designed to destroy **certain** plant types or to severely interrupt a plant's normal growth process by disrupting one or more of it's vital metabolic processes. This category includes fertilizer products containing herbicides. It does not include plant growth regulator products designed solely for use in agriculture, or products designed solely for use by professional pest control operators.

II. Typical Formulations of Complying Products (Category 310)*:

Disclaimer: The following sample formulations for complying products are not intended to be complete formulations. Air Resources Board staff realize that consumer product formulations are often complex mixtures that require extensive testing to optimize. The sample formulations are intended to illustrate the approximate proportions of compounds that may be used to formulate a consumer product that meets the draft volatile organic compound limits for the Mid-term Measures.

A. Liquids

1. Water-based formulation:**

Wt. %	Ingredient
85 - 99.9	Water
0 - 0.01	VOC's
0 - 5	Inorganics
0 - 10	LVP VOC's / actives

* Based on minimum dilution ratio as stated in a product's usage instructions

** As seen in our 1995 Mid-term Measures Survey

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2. Formulation using acetone:

Wt. %	Ingredient
0 - 5	Acetone
0 - 0.01	VOC's
85 - 99.9	Water
0 - 5	LVP VOC's / actives
0 - 5	Inorganics

3. Formulation using emulsion technology:

Wt. %	Ingredient
0 - 5	LVP emulsifier
0 - 0.01	VOC's
85 - 99.9	Water
0 - 5	Inorganics
0 - 5	Other LVP VOC's

B. Solids

1. Formulation using LVP VOC's:**

Wt. %	Ingredient
0 - 10	LVP VOC's
0 - 0.01	VOC's
90 - 99.9	Inorganics / actives

* Based on minimum dilution ratio as stated in a product's usage instructions

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